

Gregory, Bernarr

From: PLUS
Sent: Thursday, February 10, 2005 2:07 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10811083

Here are the PLUS search results for 10811083.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10811083_QUAL.txt



10811083_LIST.txt



10811083_WEST.txt



10811083_EAST.txt



10811083.east



10811083_CLS.txt



10811083_CLSTITLES.t

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10811083_WDS.txt

10811083_QUAL

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PLUS Search Results for S/N 10811083, Searched February 10, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10811083_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10811083 on February 10, 2005

Original Classifications

9	341/67
5	342/70
4	342/159
4	342/372
4	382/238
4	382/245
3	235/375
3	340/3.21
3	341/51
3	342/25R
3	709/223
2	235/462.16
2	340/310.06
2	341/107
2	342/185
2	342/93
2	355/1
2	360/22
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2	375/240.08
2	375/240.2
2	375/369
2	380/240
2	382/228
2	455/556.1
2	600/592
2	700/227
2	700/295
2	702/3
2	704/212
2	704/220
2	705/14
2	709/224
2	710/31
2	713/200
2	714/6
2	714/746

Cross-Reference Classifications

6	340/310.01
5	340/310.06
5	342/115
4	235/375

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4 341/106
4 342/107
4 342/195
4 342/71
4 342/72
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3 709/238
3 902/39
2 178/30
2 180/169
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2 342/90

10811083_CLS

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Combined Classifications

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2 324/337

10811083_CLS

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2 714/807
2 719/315
2 725/131
2 902/4

10811083_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10811083 on February 10, 2005

- 11 341/67 (9 OR, 2 XR)
 - Class 341 : CODED DATA GENERATION OR CONVERSION
 - 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
 - 341/67 .To or from variable length codes

- 7 235/375 (3 OR, 4 XR)
 - Class 235 : REGISTERS
 - 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

- 7 340/310.01 (1 OR, 6 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/286.01 SYSTEMS
 - 340/310.01 .Signal over power line

- 7 340/310.06 (2 OR, 5 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/286.01 SYSTEMS
 - 340/310.01 .Signal over power line
 - 340/310.06 ..Bidirectional (e.g., with transceiver)

- 6 342/372 (4 OR, 2 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 - 342/350 DIRECTIVE
 - 342/368 .Including a steerable array
 - 342/371 ..With electronic scanning
 - 342/372 ...Controlled

- 6 342/70 (5 OR, 1 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 - 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE
 - 342/70 .Radar mounted on and controls land vehicle

- 5 340/310.07 (1 OR, 4 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/286.01 SYSTEMS
 - 340/310.01 .Signal over power line
 - 340/310.07 ..With inductive coupling (e.g., transformer o

- 5 341/107 (2 OR, 3 XR)

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	Class	341	:	CODED DATA GENERATION OR CONVERSION
		341/50		DIGITAL CODE TO DIGITAL CODE CONVERTERS
		341/107		.To or from code based on probability
5	342/115		(0 OR, 5 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
				AND DEVICES
		342/104		DETERMINING VELOCITY
		342/115		.Digital
5	342/159		(4 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
				AND DEVICES
		342/159		CLUTTER ELIMINATION
5	342/195		(1 OR, 4 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
				AND DEVICES
		342/175		WITH PARTICULAR CIRCUIT
		342/195		.Digital processing
5	342/72		(1 OR, 4 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
				AND DEVICES
		342/61		RETURN SIGNAL CONTROLS EXTERNAL DEVICE
		342/70		.Radar mounted on and controls land vehicle
		342/72		..With control of safety device (e.g., air bags)
5	380/240		(2 OR, 3 XR)	
	Class	380	:	CRYPTOGRAPHY
		380/200		VIDEO CRYPTOGRAPHY
		380/210		.Video electric signal modification (e.g., scrambling)
		380/240		..Including addressed decoder control signal
5	382/238		(4 OR, 1 XR)	
	Class	382	:	IMAGE ANALYSIS
		382/232		IMAGE COMPRESSION OR CODING
		382/238		.Predictive coding
4	235/383		(1 OR, 3 XR)	
	Class	235	:	REGISTERS
		235/375		SYSTEMS CONTROLLED BY DATA BEARING RECORDS
		235/383		.Mechanized store
4	340/3.21		(3 OR, 1 XR)	
	Class	340	:	COMMUNICATIONS: ELECTRICAL

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	340/825	SELECTIVE
	340/3.1	.Monitoring in addition to control (e.g., supervisory)
	340/3.2	..Synchronization
	340/3.21	...Time slot or packet
4	341/106	(0 OR, 4 XR)
	Class 341	: CODED DATA GENERATION OR CONVERSION
	341/50	DIGITAL CODE TO DIGITAL CODE CONVERTERS
	341/106	.Coding by table look-up techniques
4	341/51	(3 OR, 1 XR)
	Class 341	: CODED DATA GENERATION OR CONVERSION
	341/50	DIGITAL CODE TO DIGITAL CODE CONVERTERS
	341/51	.Adaptive coding
4	342/107	(0 OR, 4 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/104	DETERMINING VELOCITY
	342/107	.Combined with determining distance and direction
4	342/109	(1 OR, 3 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/104	DETERMINING VELOCITY
	342/109	.Combined with determining distance
4	342/196	(1 OR, 3 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/175	WITH PARTICULAR CIRCUIT
	342/195	.Digital processing
	342/196	..Fast fourier transform (FFT)
4	342/373	(1 OR, 3 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/368	.Including a steerable array
	342/373	..With a matrix
4	342/71	(0 OR, 4 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/61	RETURN SIGNAL CONTROLS EXTERNAL DEVICE
	342/70	.Radar mounted on and controls land vehicle

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- 342/71 ..With control of brakes or steering
- 4 382/245 (4 OR, 0 XR)
 Class 382 : IMAGE ANALYSIS
 382/232 IMAGE COMPRESSION OR CODING
 382/244 .Lossless compression
 382/245 ..Run-length coding
- 3 235/385 (0 OR, 3 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/385 .Inventory
- 3 307/39 (0 OR, 3 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/11 PLURAL LOAD CIRCUIT SYSTEMS
 307/38 .Selectively connected or controlled load
 circuits
 307/39 ..Condition responsive
- 3 340/310.03 (0 OR, 3 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/286.01 SYSTEMS
 340/310.01 .Signal over power line
 340/310.03 ..Noise reduction (e.g., filtering)
- 3 341/63 (1 OR, 2 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
 341/63 .To or from bit count codes
- 3 342/104 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/104 DETERMINING VELOCITY
- 3 342/146 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/118 DETERMINING DISTANCE
 342/146 ..Combined with determining direction
- 3 342/162 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/159 CLUTTER ELIMINATION
 342/160 .MTI (Moving target indicator)

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342/162 ..Digital

3 342/185 (2 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/176 .Display
 342/185 ..Scan conversion

3 342/189 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/189 .For correlation

3 342/192 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/192 .Spectrum analysis

3 342/25R (3 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/25R SYNTHETIC APERTURE RADAR

3 342/374 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/368 .Including a steerable array
 342/374 ..With a switch

3 342/90 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
 342/89 .Receiver
 342/90 ..Automatic target detection

3 348/409.1 (0 OR, 3 XR)
 Class 348 : TELEVISION
 348/384.1 BANDWIDTH REDUCTION SYSTEM
 348/390.1 .Data rate reduction
 348/409.1 ..Involving difference transmission (e.g.,
 predictive)

3 386/124 (1 OR, 2 XR)

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Class 386 : TELEVISION SIGNAL PROCESSING FOR DYNAMIC
RECORDING OR REPRODUCING
386/46 PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC
RECORDING OR REPRODUCING
386/124 .Digital recording or reproducing

3 700/227 (2 OR, 1 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS
700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS
700/213 .Article handling
700/225 ..Having an identification code
700/226 ...Identification code determines article
destination
700/227Preparation of an article for an
identification code (e.g., printing, encodi

ng)

3 701/301 (0 OR, 3 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION
701/301 .Collision avoidance

3 704/212 (2 OR, 1 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/211 ..Time
704/212 ...Pulse code modulation (PCM)

3 705/14 (2 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT
705/14 .Distribution or redemption of coupon, or
incentive or promotion program

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3 707/10 (1 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
707/1 DATABASE OR FILE ACCESSING
707/10 .Distributed or remote access

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3 709/223 (3 OR, 0 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/223 .Computer network managing

3 709/238 (0 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/238 .Computer-to-computer data routing

3 714/4 (1 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
 714/1 .Reliability and availability
 714/2 ..Fault recovery
 714/3 ...By masking or reconfiguration
 714/4Of network

3 902/39 (0 OR, 3 XR)
 Class 902 : ELECTRONIC FUNDS TRANSFER
 902/37 SYSTEM*
 902/39 .Particular communication feature

2 178/30 (0 OR, 2 XR)
 Class 178 : TELEGRAPHY
 178/2R SYSTEMS
 178/23R .Printing
 178/30 ..Character elements

2 180/169 (0 OR, 2 XR)
 Class 180 : MOTOR VEHICLES
 180/167 WITH MEANS FOR CONTROLLING OPERATION RESPONSIV
 E
 TO ELECTROMAGNETIC RADIATION, MAGNETIC FOR
 CE, OR SOUND
 WAVES RECEIVED FROM SOURCE, OR REFLECTED F
 ROM OBJECT OR
 SURFACE, LOCATED APART FROM VEHICLE
 180/169 .Radiation, force, or waves reflected from
 external object or surface

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- 2 235/379 (1 OR, 1 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/379 .Banking systems
- 2 235/380 (1 OR, 1 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/380 .Credit or identification card systems
- 2 235/382 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/380 .Credit or identification card systems
 235/382 ..Permitting access
- 2 235/432 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/419 RECORD CONTROLLED CALCULATORS
 235/432 .With printing
- 2 235/454 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/454 ..Optical
- 2 235/462.16 (2 OR, 0 XR)
 Class 235 : REGISTERS
 235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/454 ..Optical
 235/462.01 ...Bar code
 235/462.16Bar width determination
- 2 235/462.19 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/454 ..Optical
 235/462.01 ...Bar code
 235/462.16Bar width determination
 235/462.18Using counter or timer
 235/462.19Including count or time to binary
 conversion (e.g., Wide=1, Narrow=0)
- 2 235/462.27 (0 OR, 2 XR)
 Class 235 : REGISTERS


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235/435      CODED RECORD SENSORS
235/439      .Particular sensor structure
235/454      ..Optical
235/462.01   ...Bar code
235/462.25   ....Reader processing circuitry
235/462.27   .....Analog to square wave converter (e.g.,
                                digitizer, binarizer, slicer)

2  235/462.41   (0 OR, 2 XR)
    Class 235 :  REGISTERS
235/435      CODED RECORD SENSORS
235/439      .Particular sensor structure
235/454      ..Optical
235/462.01   ...Bar code
235/462.41   ....Using an imager (e.g., CCD)

2  307/40       (1 OR, 1 XR)
    Class 307 :  ELECTRICAL TRANSMISSION OR INTERCONNECTION
                  SYSTEMS
307/11       PLURAL LOAD CIRCUIT SYSTEMS
307/38       .Selectively connected or controlled load
              circuits
307/40       ..Code-controlled

2  324/337      (0 OR, 2 XR)
    Class 324 :  ELECTRICITY: MEASURING AND TESTING
324/323      OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
324/332      .With radiant energy or nonconductive-type
              transmitter
324/334      ..With separate pickup
324/337      ...To detect return wave signals

2  327/295      (0 OR, 2 XR)
    Class 327 :  MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
                  DEVICES, CIRCUITS, AND SYSTEMS
327/100      SIGNAL CONVERTING, SHAPING, OR GENERATING
327/291      .Clock or pulse waveform generating
327/295      ..Plural outputs

2  331/78       (1 OR, 1 XR)
    Class 331 :  OSCILLATORS
331/78       ELECTRICAL NOISE OR RANDOM WAVE GENERATOR

2  340/310.02   (0 OR, 2 XR)
    Class 340 :  COMMUNICATIONS: ELECTRICAL
340/286.01   SYSTEMS
340/310.01   .Signal over power line
340/310.02   ..Modulation technique

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- 2 340/505 (0 OR, 2 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 - 340/501 .With particular system function (e.g.,
temperature compensation, calibration)
 - 340/505 ..Interrogator-responder

- 2 340/538 (0 OR, 2 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 - 340/531 .With particular coupling link
 - 340/533 ..Wired
 - 340/538 ...Combined with power line

- 2 340/825.01 (1 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/825.01 .Spare channel

- 2 340/825.52 (0 OR, 2 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/825.52 .Addressing

- 2 340/870.02 (1 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
 - 340/870.02 .With meter reading

- 2 342/137 (1 OR, 1 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
 - 342/118 DETERMINING DISTANCE
 - 342/134 .With pulse modulation
 - 342/137 ..With variable pulse repetition frequency
(PRF) or pulse width

- 2 342/169 (1 OR, 1 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
 - 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
 - 342/169 .By simulation

- 2 342/175 (0 OR, 2 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

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342/175 WITH PARTICULAR CIRCUIT

2 342/194 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/194 .Complex signal (in phase and quadrature)

2 342/22 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/22 TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR
FREE SPACE

2 342/25F (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/25R SYNTHETIC APERTURE RADAR

342/25A .Mapping or imaging using synthetic aperture
radar

342/25F ..Particular SAR processing techniques (e.g.
squint mode, doppler beam-sharpening mode,

spotlight mode,

bistatic SAR, inverse SAR)

2 342/368 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/368 .Including a steerable array

2 342/44 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/42 RADAR TRANSPONDER SYSTEM

342/44 .Unique identity

2 342/451 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/450 .Position indicating (e.g., triangulation)

342/451 ..By computer

2 342/81 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM

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342/74	.Antenna control
342/81	..Beam direction by phase or frequency control
2 342/91	(0 OR, 2 XR)
Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
342/91	..Gain or threshold
2 342/93	(2 OR, 0 XR)
Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
342/91	..Gain or threshold
342/93	...Constant false alarm rate (CFAR)
2 347/232	(0 OR, 2 XR)
Class 347 :	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
347/224	LIGHT OR BEAM MARKING APPARATUS OR PROCESSES
347/225	.Scan of light
347/232	..Multicolor
2 347/237	(0 OR, 2 XR)
Class 347 :	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
347/224	LIGHT OR BEAM MARKING APPARATUS OR PROCESSES
347/225	.Scan of light
347/233	..Plural beam scan
347/237	...Driving circuitry
2 355/1	(2 OR, 0 XR)
Class 355 :	PHOTOCOPYING
355/1	INCLUDING FIBER OPTICS
2 355/41	(0 OR, 2 XR)
Class 355 :	PHOTOCOPYING
355/18	PROJECTION PRINTING AND COPYING CAMERAS
355/40	.Identifying, composing, or selecting
355/41	..Including photocell
2 356/141.1	(1 OR, 1 XR)
Class 356 :	OPTICS: MEASURING AND TESTING
356/138	ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
356/140	.Apex of angle at observing or detecting

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station

356/141.1 ..With photodetection of reflected beam angle
with respect to a unidirectional source bea

m

2 360/22 (2 OR, 0 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/22 SPLITTING ONE INFORMATION SIGNAL FOR RECORDING
ON PLURAL DISTINCT TRACKS OR REPRODUCING SU

CH SIGNAL

2 360/44 (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/39 GENERAL PROCESSING OF A DIGITAL SIGNAL

360/40 .In specific code or form

360/44 ..Intra-cell transition

2 360/51 (2 OR, 0 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/39 GENERAL PROCESSING OF A DIGITAL SIGNAL

360/51 .Data clocking

2 360/57 (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/55 GENERAL RECORDING OR REPRODUCING

360/57 .Selective erase recording

2 360/66 (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/55 GENERAL RECORDING OR REPRODUCING

360/66 .Specifics of biasing or erasing

2 365/238.5 (0 OR, 2 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL

365/230.01 ADDRESSING

365/238.5 .Byte or page addressing

2 365/239 (0 OR, 2 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL

365/230.01 ADDRESSING

365/239 .Sequential

2 370/522 (1 OR, 1 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/498 ..Combining or distributing information via time channels

370/522 ..Signaling (ancillary to main information)

2 375/219 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

2 375/240 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

2 375/240.07 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

375/240.01 ..Television or motion video signal

375/240.02 ..Adaptive

375/240.07 ...Feed back

2 375/240.08 (2 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

375/240.01 ..Television or motion video signal

375/240.08 ..Feature based

2 375/240.16 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

375/240.01 ..Television or motion video signal

375/240.12 ..Predictive

375/240.16 ...Motion vector

2 375/240.2 (2 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

375/240.01 ..Television or motion video signal

375/240.18 ..Transform

375/240.2 ...Discrete cosine

2 375/240.24 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/240 BANDWIDTH REDUCTION OR EXPANSION

375/240.01 ..Television or motion video signal

375/240.24 ..Block coding

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2 375/245 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/242 PULSE CODE MODULATION
375/244 .Differential
375/245 ..Quantizer or inverse quantizer

2 375/259 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

2 375/267 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
375/260 .Plural channels for transmission of a single
pulse train
375/267 ..Diversity

2 375/369 (2 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/362 .Frequency or phase control using synchronizin
g signal
375/369 ..Start - stop

2 379/106.07 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., C
OMPOSITE)
379/106.01 .Remote indication over telephone line (e.g.,
telemetry)
379/106.03 ..Meter reading
379/106.07 ...Having interrogation signal

2 379/25 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
379/22 .Of trunk or long line
379/25 ..Conductor identification or location

2 379/386 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/350 SUPERVISORY OR CONTROL LINE SIGNALING

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379/386 .Signal receiver (e.g., tone decoder)

2 379/93.14 (1 OR, 1 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO
 MPOSITE)
 379/93.01 .Having transmission of a digital message
 signal over a telephone line
 379/93.14 ..Having switching station

2 380/52 (0 OR, 2 XR)
 Class 380 : CRYPTOGRAPHY
 380/287 ELECTRIC SIGNAL MODIFICATION
 380/52 .Including particular structure or housing
 (e.g., display, keyboard)

2 382/100 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/100 APPLICATIONS

2 382/155 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/155 LEARNING SYSTEMS

2 382/181 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION

2 382/224 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION
 382/224 .Classification

2 382/228 (2 OR, 0 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION
 382/224 .Classification
 382/228 ..Statistical decision process

2 382/243 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/232 IMAGE COMPRESSION OR CODING
 382/243 .Shape, icon, or feature-based compression

2 382/246 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/232 IMAGE COMPRESSION OR CODING

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382/244	.Lossless compression
382/246	..Huffman or variable-length coding
2 382/291 (0 OR, 2 XR)	
Class 382 :	IMAGE ANALYSIS
382/276	IMAGE TRANSFORMATION OR PREPROCESSING
382/286	.Measuring image properties (e.g., length, width, or area)
382/291	..Determining the position of an object
2 455/418 (1 OR, 1 XR)	
Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/418	.Programming control
2 455/556.1 (2 OR, 0 XR)	
Class 455 :	TELECOMMUNICATIONS
455/73	TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
	TRANSCEIVER)
455/550.1	.Radiotelephone equipment detail
455/556.1	..Integrated with other device
2 455/557 (0 OR, 2 XR)	
Class 455 :	TELECOMMUNICATIONS
455/73	TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
	TRANSCEIVER)
455/550.1	.Radiotelephone equipment detail
455/557	..Interface attached device (e.g., interface with modem, facsimile, computer, etc.)
2 455/564 (0 OR, 2 XR)	
Class 455 :	TELECOMMUNICATIONS
455/73	TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
	TRANSCEIVER)
455/550.1	.Radiotelephone equipment detail
455/564	..Auto-dialing or repertory dialing (e.g., using bar code, etc.)
2 455/8 (0 OR, 2 XR)	
Class 455 :	TELECOMMUNICATIONS
455/7	CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E., RETRANSMISSION OF SAME INFORMATION)
455/8	.Failure compensation (e.g., spare channel)
2 600/592 (2 OR, 0 XR)	

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Class	600	:	SURGERY
600/300			DIAGNOSTIC TESTING
600/587			.Measuring anatomical characteristic or force applied to or exerted by body
600/592			..Foot

2	700/295		(2 OR, 0 XR)	
	Class	700	:	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS
	700/90			SPECIFIC APPLICATION, APPARATUS OR PROCESS
	700/286			.Electrical power generation or distribution system
	700/295			..Power allocation management (e.g., load adding/shedding)

2	702/3		(2 OR, 0 XR)	
	Class	702	:	DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/1			MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
	702/2			.Earth science
	702/3			..Weather

2	704/220		(2 OR, 0 XR)	
	Class	704	:	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
	704/200			SPEECH SIGNAL PROCESSING
	704/201			.For storage or transmission
	704/220			..Analysis by synthesis

2	705/1		(0 OR, 2 XR)	
	Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
	705/1			AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT

2	705/408		(0 OR, 2 XR)	
	Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
	705/400			FOR COST/PRICE
	705/401			.Postage meter system
	705/408			..Specific printing

2	705/410		(1 OR, 1 XR)	
	Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS

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PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/400 FOR COST/PRICE
705/401 .Postage meter system
705/410 ..Specialized function performed

2 705/51 (1 OR, 1 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
705/51 .Usage protection of distributed data files

2 708/319 (0 OR, 2 XR)
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
708/200 .Particular function performed
708/300 ..Filtering
708/319 ...Transversal

2 709/224 (2 OR, 0 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/223 .Computer network managing
709/224 ..Computer network monitoring

2 710/31 (2 OR, 0 XR)
Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
PROCESSING SYSTEMS: INPUT/OUTPUT
710/1 INPUT/OUTPUT DATA PROCESSING
710/31 .Transfer direction selection

2 713/200 (2 OR, 0 XR)
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT
713/200 SECURITY

2 714/6 (2 OR, 0 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
714/1 .Reliability and availability
714/2 ..Fault recovery
714/3 ...By masking or reconfiguration

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714/5Of memory or peripheral subsystem
 714/6Redundant stored data accessed (e.g.,
 duplicated data, error correction coded dat

a, or other

parity-type data)

2 714/746 (2 OR, 0 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction

2 714/763 (0 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/763 ...Memory access

2 714/807 (1 OR, 1 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/799 .Error/fault detection technique
 714/807 ..Check character

2 719/315 (0 OR, 2 XR)
 Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER
 PROCESS
 COMMUNICATION (IPC)
 719/313 INTERPROGRAM COMMUNICATION USING MESSAGE
 719/315 .Object oriented message

2 725/131 (1 OR, 1 XR)
 Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
 COMMUNICATION
 725/131 .Receiver (e.g., set-top box)

2 902/4 (0 OR, 2 XR)
 Class 902 : ELECTRONIC FUNDS TRANSFER
 902/1 WITH ELECTRONIC MEANS PROVIDING SECURITY
 902/4 .Means to read data stored on identifier*

above 1
 abstract 1
 accompanying 1
 accorded 1
 according 18
 accordingly 2
 accovding 1
 achieve 1
 actual 1
 adjusted 1
 afterwards 2
 all 7
 allows 1
 also 2
 altered 1
 an 5
 analogously 1
 analysis 1
 and 94
 any 2
 apparatus 4
 apparent 1
 appears 2
 appended 1
 application 1
 appreciated 1
 are 49
 area 5
 arrangements 2
 art 2
 as 23
 aspects 1
 attached 2
 background 1
 based 2
 basically 1
 be 12
 becomes 2
 been 3
 between 18
 boxes 7
 brief 1
 broadest 1
 by 14
 cable 1
 calculated 7
 calculates 5
 calculating 1

calculation 6
can 8
carrying 1
cd 1
center 2
certain 1
characteristics 2
chine 1
circles 1
circuits 1
claims 1
client 15
climate 1
code 93
collected 2
collecting 2
collection 24
combination 4
combined 3
combines 3
compared 4
compares 2
comparing 1
comparison 5
compos 1
composed 5
comprises 10
computer 10
contrary 1
control 27
conventional 1
correspond 2
corresponding 14
corresponds 7
cover 1
creates 1
data 133
dedicated 1
depending 1
depicted 1
described 3
description 5
detailed 2
detection 1
determined 4
determining 1
diagram 10
diagrams 2

different 1
disclosed 7
discloses 2
disclosure 1
diskettes 1
displays 2
distance 20
distances 16
distribute 1
distributed 7
distributing 3
distribution 144
divided 1
divides 1
dotted 1
drawings 2
drives 1
dynamic 1
each 25
efficient 1
electrical 1
embodied 2
embodiment 10
embodiments 2
encompass 1
eode 1
equal 1
especially 1
established 2
example 3
examples 1
executed 4
executes 2
exemplary 1
fiberoptics 1
field 1
fig 24
file 15
fina 6
final 9
finally 1
first 10
five 1
floppy 1
flowchart 2
following 1
for 45
foregoing 2

form 3
 four 1
 fourth 4
 from 1
 fully 1
 further 4
 furthermore 1
 general 1
 generally 1
 geographic 7
 geography 1
 given 1
 group 37
 groups 50
 hard 1
 has 14
 having 3
 here 4
 herein 1
 highest 6
 hills 1
 human 1
 identified 1
 if 11
 illustrated 1
 implemented 4
 in 47
 includes 3
 instructions 1
 intended 1
 interpretation 1
 into 8
 invention 21
 is 67
 island 1
 it 4
 kevin 15
 left 1
 level 12
 levels 17
 limited 1
 lines 1
 loaded 2
 logic 5
 machine 8
 made 1
 mainly 1
 may 2

measured 2
 measurements 1
 media 1
 medium 6
 mentioned 4
 method 20
 methods 2
 minals 1
 modifications 2
 module 31
 modules 2
 more 2
 moreover 1
 mosaic 13
 mountains 2
 navigation 1
 necessary 1
 next 4
 none 1
 normally 1
 not 4
 object 1
 objects 1
 of 57
 on 3
 one 7
 operates 1
 operations 1
 or 8
 order 4
 ordey 1
 other 4
 over 6
 page 15
 particular 1
 plains 1
 portions 1
 practicing 2
 preferred 1
 present 12
 presents 1
 previous 2
 priority 29
 problem 1
 processing 6
 processor 2
 produced 5
 program 10

progress 1
provide 3
provided 2
providing 4
purpose 1
radar 94
range 1
ranges 1
readable 5
reading 1
received 5
receives 4
receiving 5
redistribute 1
redistributes 1
reduce 1
reducing 2
redundancy 2
ref 15
references 1
related 1
relates 1
relationships 1
remaining 1
repeated 16
repeatedly 8
represent 3
representing 2
requirements 1
resource 1
result 5
results 1
right 2
robust 1
roms 1
rule 14
rules 2
same 6
scope 1
sea 1
second 20
select 1
selected 37
selection 3
selects 3
shortest 16
should 1
shown 6

shows 1
 side 3
 similar 3
 similarly 1
 skilled 1
 slo 1
 so 1
 solution 1
 sort 7
 sorted 1
 source 88
 sources 1
 space 2
 specific 1
 step 10
 steps 5
 storage 44
 store 1
 stored 2
 stores 4
 storing 6
 such 12
 summarized 1
 summary 1
 superficial 1
 system 11
 systematic 2
 systems 1
 take 1
 tangible 1
 te 1
 technology 2
 teresa 15
 terminal 33
 terminals 64
 terms 1
 that 3
 the 311
 then 2
 there 1
 thereafter 1
 therefore 1
 therein 4
 thereof 1
 thereto 1
 third 8
 those 1
 thus 7

title 1
to 61
topography 1
transmission 2
transmitted 1
triangles 1
turn 1
understood 2
unique 1
unselected 4
until 5
us 15
use 1
using 1
various 2
voluminous 1
wasted 1
way 1
when 3
wherein 3
whether 1
which 8
while 1
will 1
wire 1
with 13
would 1